

CROSSSECTION



Summer

INSIDE THIS ISSUE

<i>Clean Boating-Ohio</i> . . .	1
<i>Candidate Bios</i>	2
<i>USGS Chagrin and Grand Stream Gauge information</i>	2
<i>FarmAFare—Lake SWCD Annual Meeting</i>	3
<i>New SWCD Staff</i>	4
<i>Watershed Planning Update</i>	4
<i>New River Access guides</i>	5
<i>Did You Know?</i>	6

FARMAFARE 2013

LAKE SWCD'S 65TH ANNUAL MEETING AND ELECTION

Last year we transformed our annual meeting into "FARMAFARE", a celebration of local foods.

The transition to this farm to table event that celebrates local food and local farms was a huge success. This year we've got more local foods, room to accommodate more friends under the big tent at the Holden Arboretum and more wineries participating. Visit www.lakecountyohio.gov/soil for more information. Ticket order form is inside !

CLEAN BOATING IN OHIO

LAKE SWCD PARTNERS WITH OHIO SEA GRANT TO PROMOTE CLEAN MARINAS AND CLEAN BOATERS IN LAKE COUNTY

Boating is a big part of how Lake County residents enjoy our natural resources. But boating can also damage our waterways, and harm our sport and non-sport fish populations. Lake SWCD and Ohio Sea Grant will be holding workshops throughout the year to educate boaters on how to mitigate their impact on river and lakes by being aware of potential problems and preventing them.

Transporting non-native plants and animals. While cargo ships are the likely source of zebra mussels and round gobies in Lake Erie, and well-meaning aquarium enthusiasts unleashed Eurasian Water Milfoil, recreational boats have been carrying these invasive species into our, reservoirs, inland lakes, and streams. In addition, dumping leftover bait fish into a different body of water than they came from can introduce not only non-native fish, but also new fish diseases to a watershed.

Responsible boaters should make sure that their boat is washed down, and cooling lines are flushed whenever the boat is taken from one body of water to another. Bait minnows can be kept for another fishing trip, given to another angler, or allowed to perish.

Boat Painting and Cleaning. The substances marketed for maintaining the appearance of your boat can cause harm to aquatic ecosystems. Marine paint usually contains heavy metals that can find their way into the food chain. Phosphates in soaps cause eutrophication, an overgrowth of algae that can suffocate fish. Detergents disrupt the protective slime coats on gills, making it difficult for the fish to breathe. Bleach, petroleum products, chlorine compounds, and lye are also common in cleaners but harmful to aquatic life.

Ecologically friendly cleaning products, and liberal use of elbow grease decrease the amount of chemicals released into marina waters. Though the labels may be confusing, the Ohio Clean Boater program suggests looking for the words 'Danger,' 'Warning' or 'Caution' on products. The best option is a product which contains none of these words, but something that merits only a 'Caution' statement is less harmful, flammable or toxic than a 'Warning' or 'Danger' statement. Scraping and painting should be conducted on land if possible. No matter where you choose to repaint your boat, make sure to collect any paint chips, dripped paint, and leftover paint for proper disposal. No cleaning products, solvents or paints should be disposed of in the thru-hull drain.

Engine Maintenance, Fueling, and Bilges. The engine is probably the most common source of recreational boating pollution. It is unfortunately common to see an oil sheen in marinas and around boats. A clean, properly tuned engine is the best bet for economy and to notice small leaks before



ANNUAL
MEETING
INFORMATION
INSIDE!

LOOK FOR US IN
THE NATURAL
RESOURCES
BUILDING AT THE
LAKE COUNTY
FAIR!

Continued on page 5

ELECTION OF SUPERVISORS AT FARMAFARE MEET THE CANDIDATES



Dick Kennelly was born in Lake County; went through Willoughby/Eastlake School System. He earned a Bachelor of Science Degree in Business Administration from Bowling Green State University. His career is in Information Technology. Dick is a VIP guide with Holden Arboretum (15 +years), contributing member of Burroughs Nature Club, Secretary of the Western Reserve Resource Conservation and Development Council, naturalist in the Ohio Volunteer Certified Naturalist program and Associate Supervisor for the Lake County Soil and Water Conservation District.

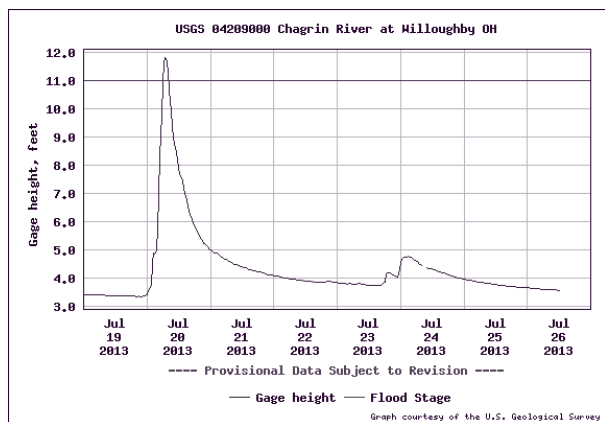
From my early days of youth growing up in western Lake County, I witnessed urban sprawl engulfing the county. Family farms disappeared; high-rise apartments and commercial development appeared with little thought of impact on our natural habitat. Now that we are all here, it is time to rebalance our social/economic behavior with our natural environment. We are part of the environment and how we affect it directly affects our quality of life. I will aggressively contribute to the efforts of the Lake SWCD team in achieving this goal.



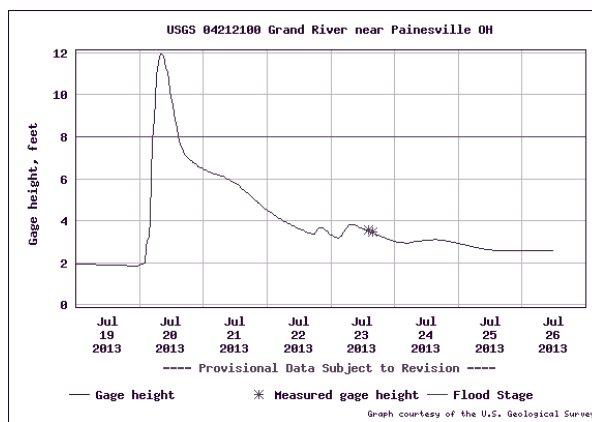
Richard Baker, North Perry Former Industrial Engineer, owner of CSF, and retired former Roads Superintendent/Assistant Administrator for Madison Township; Dick has a Master's degree, MIE, from Penn State University and a Bachelor of Science in business from SUNY at Buffalo. In addition he has attended seminars and has been active in environmental issues and activities over the years. Lake SWCD Supervisor for 13 years, member of the American Planners Association and formerly active in the Lake County Farmland Conservation Taskforce. Dick and his wife Ella have three sons and six grandchildren. He is active as a volunteer in various efforts and organizations; and is presently a Board member of the Rabbit Run Community Arts Association, and a church Choir Director. Retired, they both enjoy outdoor activities and gardening in their spare time.

I'm interested in the conservation of natural resources, the continued development of conservation easements, water quality improvements, and farmland retention in Lake County. I appreciate your support to continue working for the Lake SWCD Board to help strengthen the presence of the Soil & Water Office in Lake County.

CHAGRIN AND GRAND RIVER STREAM GAUGE INFORMATION FROM THE JULY 20, 2013 STORM



Visit <http://waterdata.usgs.gov/usa/nwis/uv?04209000> for additional information from the Chagrin Stream Gauge



Visit <http://waterdata.usgs.gov/usa/nwis/uv?04212100> for additional information from the Grand River Stream Gauge

CLEAN BOATING IN OHIO

Continued from Page 1.....they spread. Oil absorption pads near the engine and in the bilge will collect oil and keep it from being discharged with the bilge water. And of course used oil and solvents used for cleaning parts should be collected and disposed of on land. Federal laws can be used to levy civil penalties on boaters who discharge oil of any kind. To prevent spills from gas tank vents, only fill the boat's tank to 90%, and fill up at the beginning of the day, not the end of the day. Fill canisters on dry land.

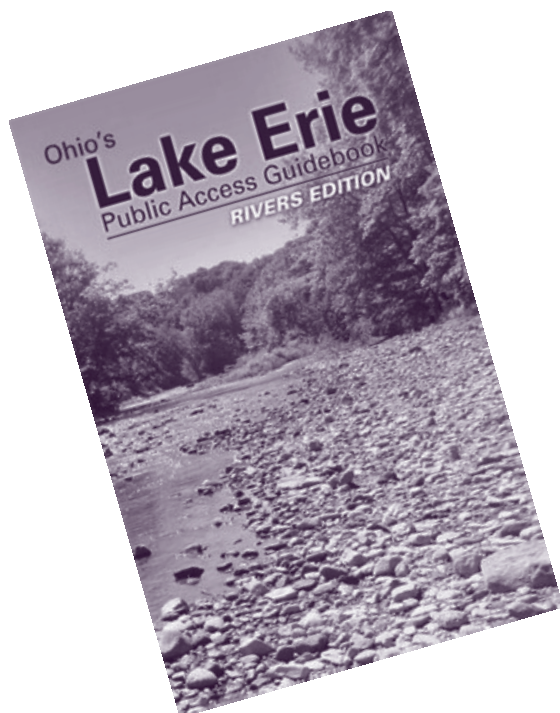
Trash and Sewage. Garbage is a simple issue to control. All it takes is a garbage bag to collect everything in, and a trip past the dumpster when you return to the marina. Reusable containers will also help minimize the amount of trash that accumulates during a day of boating. Special attention should be paid to preventing trash from blowing overboard, and keeping even small items like fishing line and cigarette butts (which are made of plastic) on board. Dumping dead fish or fish scraps into Ohio's waters is illegal, unless the scraps are being used as bait.

Marine Sanitation Devices come in many forms, and it is up to the boat operator to read and follow the instructions. It is illegal to release raw human waste into waters of the state. Untreated, or poorly treated sewage spread hepatitis, giardia, gastroenteritis, and many other diseases. For boats without a head, consider a portable toilet similar to those used whitewater rafting, or a stop in port during a day of boating.

For more information about environmentally-aware boating, visit www.ohiocleanboater.osu.edu or call the Ohio Sea Grant Office at 614-292-3548. or call the Lake SWCD office for information on local programs.



NEW LAKE ERIE RIVER ACCESS GUIDES AVAILABLE AT LAKE SWCD OFFICE



The *Ohio's Lake Erie Public Access Guide - Rivers Edition* covers more than 870 field-checked river miles and features 220 public access sites ranging from small roadside fishing locations to the vast 33,000-acre Cuyahoga Valley National Park

The geographic extent covered in the rivers edition stretches west to the Indiana state line where the Maumee River enters Ohio near Antwerp in Paulding County, east to the Pennsylvania state line where the Conneaut Creek meanders into Conneaut in Ashtabula County, and as far south as Crawford County where the headwaters of the Sandusky River rise near Crestline.

The Ohio Lake Erie Public Access Guidebook to the Lake Erie Shoreline is also available at the Lake SWCD office. Both guides can be downloaded at www.dnr.state.oh.us/coastal by clicking the Ohio's Lake Erie Public Access buttons.

NICK AGINS JOINS LAKE SWCD STAFF

Nick joins the Lake SWCD as a Resource Protection Technician and is responsible for the District's county-wide erosion and sediment control programs as well as providing technical assistance to landowners on natural resource issues. As a native of Northeast Ohio, Nick strives to serve Lake County with passion and diligence. An avid outdoorsman, Nick also serves as a volunteer for the Lake County Chapter of Ducks Unlimited. He graduated from Riverside High in 2002 and has earned two degrees in Fisheries Science from The Ohio State University and Hocking College.



WATERSHED PLANNING UPDATE

MAURINE ORNDORFF, WATERSHED COORDINATOR

The Arcola Creek Watershed Action Plan (WAP) was endorsed by the Ohio Department of Natural Resources (ODNR) and Ohio Environmental Protection Agency (OEPA) on April 30, 2013. Thanks to the hard work of members of the Madison community and our technical advisors, the first step of watershed planning has been completed. We can now apply for grants and start implementing the plan. We made several grant applications this spring and will provide updates on projects as they are funded and underway. The Arcola WAP is on the web at ftp://ftp.dnr.state.oh.us/Soil_&_Water_Conservation/WatershedActionPlans/EndorsedPlans/Arcola%20Creek.pdf#

Now that the Arcola Creek plan is endorsed, work has started on other watershed planning projects. An update is underway to the Lower Grand WAP, which was written in 2005 but never endorsed- as it had not had a Total Maximum Daily Load (TMDL) study completed by the EPA. In 2013 it is now possible to get a WAP endorsed without the TMDL, using other data to measure pollutant loadings and water quality improvements. We are partnering on this plan with George Warnock, Western Reserve Land Conservancy, who wrote the Upper Grand WAP which received endorsement in late 2012. The Grand River Partners have been working to protect and restore portions of the Grand River for many years, and having endorsed WAPs for the entire watershed will improve opportunities for funding of projects.

The Mentor Marsh WAP was completed in 2006 as a culmination of years of hard work by members of the Marsh Area Regional Coalition (MARC), Lake SWCD, the Cleveland Museum of Natural History, City of Mentor, Lake County Planning Commission, OSU Extension, Lake County General Health District, Lake County Stormwater Management District, Lake County Department of Utilities, ODNR divisions of Parks, Soil and Water Conservation and Natural Areas & Preserves, Ohio EPA, Davey Tree and ODOT. It was not fully endorsed at that time for various reasons. A new round of stakeholder meetings will be held this summer and fall to amend the plan so that it can be endorsed and qualify for grants to restore the Mentor Marsh watershed.

Lake SWCD is also assisting the Grand River Partners and George Ginnis, Painesville Water Superintendent in developing a Source Water Protection Plan (SWAP) for the City of Painesville Water Department. The SWAP "potential influence zone" includes portions of the Lower Grand River and Mentor Marsh watersheds, so we can utilize some of the information we've gathered from those plans to assist us.

The watershed planning process engages members of the watershed communities, so if you would like to participate in any of these planning efforts, please give us a call.

ARCOLA CREEK WATERSHED ACTION PLAN DECEMBER 21, 2012





**Lake County
Soil and Water
Conservation District
Annual Meeting
September 12, 2013**

**More Local Friends!
More Local Food!
More Local Wines!**

Join us under the big tent at Holden Arboretum for a ten-course local foods dinner celebrating the best of Northeast Ohio's farms showcased by talented local chefs.

Lake County residents are invited to guide conservation efforts in the county by voting in the special election. A ticket is not required to vote.



**Lake County Soil & Water
Conservation District**



Fine dining in the beautiful outdoor setting of Holden Arboretum, featuring local farm products prepared by:

Vault Steak House
Executive Chef Nicholas Kustala

Biga Pizzeria
Chef John Tutolo

Crosswinds Grille
Chef Nathan Fagnilli

Handmade Hearth Breads
Deidre and Alex Bevan

Mackenzie Creamery
Jean Mackenzie and family

Sow Foods Catering
Chef Brian Doyle

Joey's Italian Grille
Owner/Chef Joe Longo

Black Walnut Tavern
Executive Chef Christian Schultz

Bon Appetit
Chef Dan Farrell

Quail Hollow Resort
Executive Chef Jonathan Buchner

**Plus locally produced beverages by
Cornerstone Brewery, Cellar Rats Brewery,
and 8 local wineries.**

**Appetizers and beverages at 6 PM
Dinner at 7 PM**

Order your Tickets Today!

Tickets are \$50, or \$90 for a couple.

Contact Lake SWCD for PayPal and credit card payments

Name

Address

Phone

E-Mail

Number of Tickets Amount Enclosed:



Recycled Paper

DID YOU KNOW? Secrets of the Soil

1) Healthy soils:

Are more productive Add nutrients to the food we eat
Improve use and efficiency Break down contaminants

2) There's a universe below our feet.

There are as many living organisms in a teaspoonful of healthy soil as there are people on Earth.

Healthy soil contains a web of life with builders, decomposers, rivals and partners, cleaners, recyclers, stabilizers and filterers.

3) Soil is a porous frontier.

Healthy soil needs air and water, and pores throughout the soil deliver these vital components of life to soil organisms.

Earthworms and dying roots create pores.

One acre of healthy soil can store more than 160,000 gallons of water in its upper foot.

4) Soil conservation systems:

Naturally reduce diseases and pests Improve plant health
Limit weed growth Protect against droughts

5) Learn about the health and function of your soil– whether you own a small garden or a 100 acre farm.

Dig into your soil, then look, touch and smell it.

The soil structure should be loose and crumbly with lots of airholes.

It should look like chocolate cake and have a sweet, “earthy” aroma.

LAKE COUNTY SOIL & WATER CONSERVATION DISTRICT

125 E. Erie St., Painesville, OH 44077

Phone: 440-350-2730

Fax: 440-350-2601

East End: 428-4348 ext. 2730

West End: 918-2730

1-800-899-LAKE ext 2730

Office Hours: Mon.-Fri. 7:30 am-4:00 pm

E-MAIL: SOIL@LAKECOUNTYOHIO.GOV

WEB SITE: WWW.LAKECOUNTYOHIO.GOV/SOIL

DAN DONALDSON, District Administrator	350-2030
NICK AGINS, Resource Protection Technician	350-2032
JOHN NIEDZIALEK, Resource Protection Specialist	350-5860
POSITION OPEN Education Coordinator	350-2033
MAURINE ORNDORFF, Watershed Coordinator	350-5863
NRCS Field Office, Orwell	437-5888

BOARD OF SUPERVISORS

DICK BAKER (2013), NORTH PERRY, CHAIR
SKIP DUGAN (2014), PERRY, VICE CHAIR
JEFF HYRNE (2015), MADISON TOWNSHIP, FISCAL AGENT
LARRY KLCO (2014), NORTH PERRY, TREASURER
BRAD SHAWHAN (2015), MENTOR, SECRETARY

MEMBER OF:

Lake County Farm Bureau
Nursery Growers of Lake County Ohio
National Association of Conservation Districts
Ohio Federation of Soil & Water Conservation Districts

AN EQUAL OPPORTUNITY EMPLOYER: All Lake SWCD and USDA programs and services are available without regard to race, age, gender, national origin, political beliefs, color, religion, disability, sexual orientation, or marital or family status.

The public is invited to attend Lake SWCD's monthly Board meetings, held the third Tuesday of the month at 4:00 pm at 125 East Erie St., Painesville. Meeting announcements appear under the public agenda in the News-Herald and on the Lake SWCD website. Please call in advance to let us know you will be attending.